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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/634,185	08/09/2000	James S. Hiscock	SYNER-163XX	5742

207 7590 08/13/2003

WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP
TEN POST OFFICE SQUARE
BOSTON, MA 02109

[REDACTED] EXAMINER

BARNIE, REXFORD N

ART UNIT	PAPER NUMBER
2643	

DATE MAILED: 08/13/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.
09/634,185

Applicant(s)

HISCOOK ET AL.

Examiner

REXFORD BARNIE

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on Aug 9, 2000.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-20 is/are pending in the application.

4a) Of the above, claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-20 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claims _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

a) The translation of the foreign language provisional application has been received.

15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s). _____

2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)

3) Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) Other: _____

R Barnie
REXFORD BARNIE
PRIMARY EXAMINER

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DETAILED ACTION

Claim Rejections - 35 U.S.C. § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al.

(US Pat# 5,991,387) in view of Gerzberg et al. (US Pat# 6,044,403)

Regarding claim 1, Shaffer teaches a monitoring and controlling channels to improve the interface of calls comprising a communication outlet housing with a user interface, premise interface and a controller in the form of a firmware in (see fig. 7, col. 5 lines 15-22 and cols. 3-4) but fails to teach the claimed subject matter in detail. Gerzsberg teaches an adapter which can be coupled to a plurality of communication devices and a LEC wherein the adaptor (intelligent services director of fig. 2 and disclosure) includes a central controller (102a) for controlling the various interfaces.

Therefore, it would have been obvious to one of ordinary skill in the art at time the invention was made to incorporate the teaching of Gerszberg into Shaffer thus making it possible to provide multimedia services to users by using an interface (adapter).

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Regarding claims 2-7, it's well known to use splitters or wall interface when connecting telecommunication devices to telephone service providers and the examiner takes official notice to this regard. The combination teaches interfaces.

3. Claims 8-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al. (US Pat# 5,991,387) in view of Gerzberg et al. (US Pat# 6,044,403) and further in view of Peters (US Pat# 5,933,775).

Regarding claims 8-20, The combination fails to teach encryption, user authentication and wireless interface.

The examiner takes official notice that it's notoriously well known to use encryption during transmission of data information and to request a user for authentication information.

Furthermore, Peters teaches a mechanism for providing wireless audio and control channels for personal computer phone system wherein a wireless and wireline interface can be used for controlling premise communication devices in (see figs. And disclosure).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teaching of Peters into that of the combination in addition to the well known fact of authentication and encryption as means of providing multi-media services including wireless services.,

Conclusion

4. Any inquiry concerning this communication or earlier communication from the examiner should be directed to REXFORD BARNIE whose telephone number is (703) 306-2744. The examiner can normally be reached on Monday through Friday from 8:30 to 6:00p:m. If attempts

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to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz, can be reached on (703) 305-4708.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to (703) 872-9314 and labeled accordingly (Please label
"PROPOSED/INFORMAL" or **"FORMAL"**).

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is (703) 306-0377.

Rexford Barnie
Patent Examiner
RB 08/07/03

R Barnie
REXFORD BARNIE
PRIMARY EXAMINER